

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
20 October 2005 (20.10.2005)

PCT

(10) International Publication Number
WO 2005/097952 A1

(51) International Patent Classification⁷: C10L 1/10,
C10M 117/00

(74) Agents: FOKENS, Jason, S. et al.; The Lubrizol Corpora-
tion, Patent Dept./Mail Drop 022B, 29400 Lakeland Blvd.,
Wickliffe, Ohio 44092-2298 (US).

(21) International Application Number:
PCT/US2005/010631

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(22) International Filing Date: 31 March 2005 (31.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/558,052 31 March 2004 (31.03.2004) US
60/613,916 28 September 2004 (28.09.2004) US

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): THE LU-
BRIZOL CORPORATION [US/US]; 29400 Lakeland
Blvd., Wickliffe, Ohio 44092-2298 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): HOBSON, David
[GB/GB]; Lubrizol Limited, P.O. Box 88, Belper Der-
byshire DE56 1QN (GB). BOULAY, Benjamin [FR/FR];
57 Rue de Paris, F-91120 Palaiseau (FR). PSAILA,
Alexander, F. [GB/GB]; Lubrizol Limited, P.O. Box 88,
Belper Derbyshire DE56 1QN (GB).

Published:

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: HIGH SOLIDS CONTENT DISPERSIONS

(57) Abstract: The present invention provides a dispersion composition containing (a) a metal base selected from the group consisting of: (i) a metal hydroxide with a solids content of greater than about 51 wt % of the composition; (ii) a metal base other than a metal hydroxide with a solids content of greater than about 15 wt % of the composition; and (iii) mixtures thereof; (b) a surfactant; and (c) an organic medium containing less than about 2 wt % of water. The invention further provides a process for preparing the composition and a method for its use.

WO 2005/097952 A1